

Noise Monitoring Project **at BNL**

ES&H Coordinators Meeting

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January 25, 2005

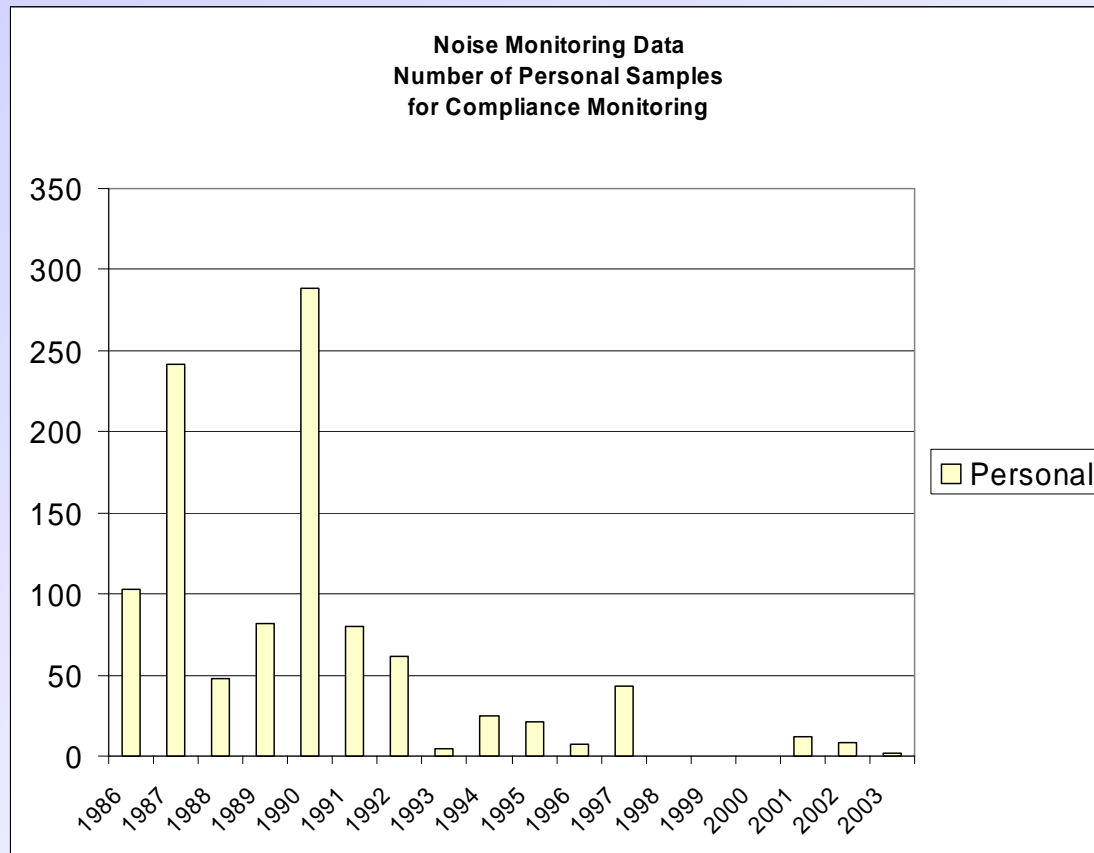
Noise Monitoring at BNL

FY 05-06 Priority Program

Driving Forces

- IH Self Assessments
 - » 2001-2003 Identified lack of adequate personal noise monitoring
- Employee illness/injury reports
- Compliance with OSHA Regulation
- DOE Assessment

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Recordable STS's in FY04

| STS Date | Dept | Job Title | Date Hired | Age |
|----------|------|------------------|------------|-----|
| 3/4/04 | CAD | Tech Supp/Supvsr | 1979 | 46 |
| 4/9/04 | CAD | Tech Supp/Supvsr | 1962 | 62 |
| 3/26/04 | EP | Cabinetmaker A | 1987 | 45 |
| 3/4/04 | EP | Carpenter | 1985 | 37 |
| 9/3/04 | EP | Refrig/AC Engr | 1999 | 47 |
| 3/11/04 | EP | Stationary Engr | 1978 | 64 |
| 11/22/04 | RP | Radioac Mat Tech | 2001 | 41 |
| 3/22/04 | RP | Tech Supp/Supvsr | 1959 | 73 |
| 8/13/04 | SC | Master Welder | 1978 | 56 |

"Standard threshold shift (STS)."

1910.95(g)(10)(i)

As used in this section, a standard threshold shift is a change in hearing threshold relative to the baseline audiogram of an average of 10 dB or more at 2000, 3000, and 4000 Hz in either ear.

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"Monitoring."

1910.95(d)(1)

- ...any employee's exposure may equal or exceed an 8-hour time-weighted average of 85 decibels, the employer shall develop and implement a monitoring program...

1910.95(d)(1)(i)

- ...identify employees for inclusion in the hearing conservation program...

1910.95(d)(1)(ii)

- ...the employer shall use representative personal sampling...

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1910.95(d)(3)

Monitoring shall be repeated whenever a change in production, process, equipment or controls increases noise exposures ...

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DOE will be conducting an assessment of the BNL IH monitoring program during fiscal year 05.

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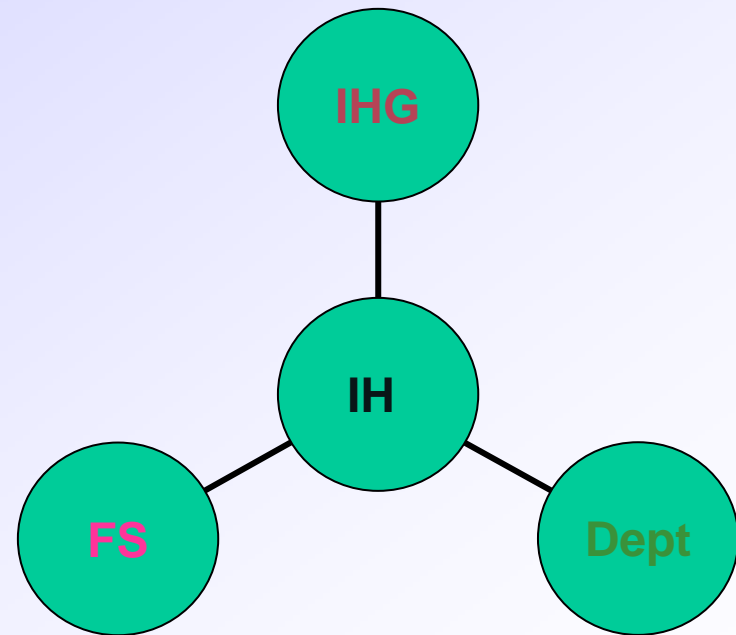
Who will do the work

and

how will it benefit BNL

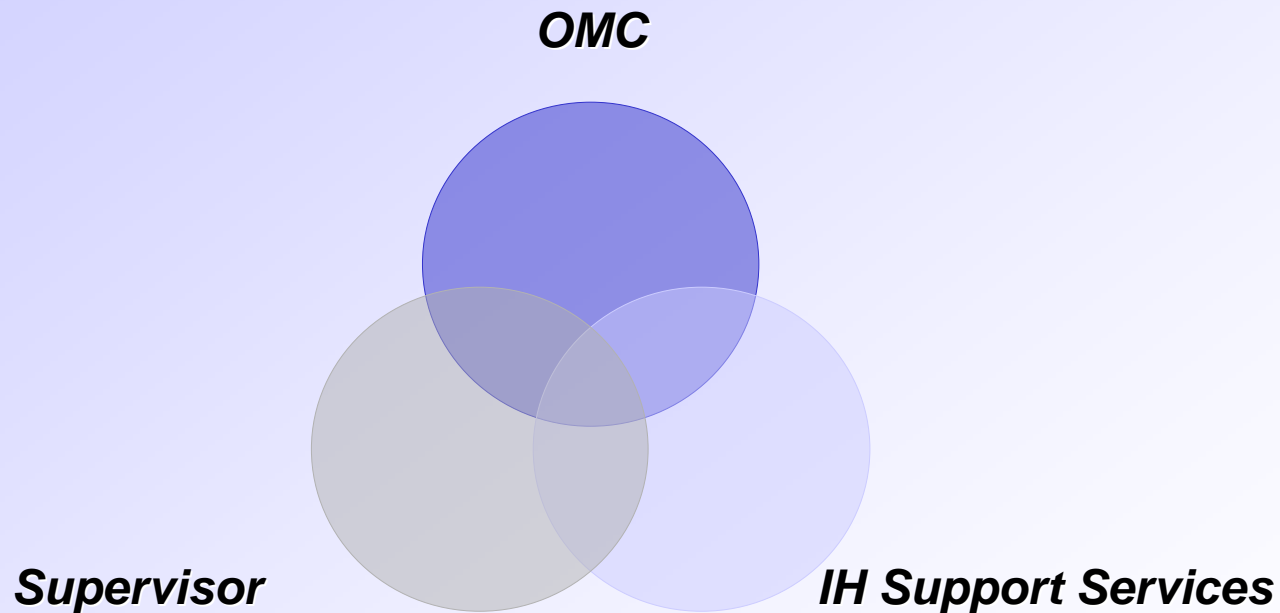
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- Industrial Hygiene Group
 - Subject Matter Expert
- Facility Support
 - Representatives/
– Technicians
- Department/Division
 - In-House Personnel



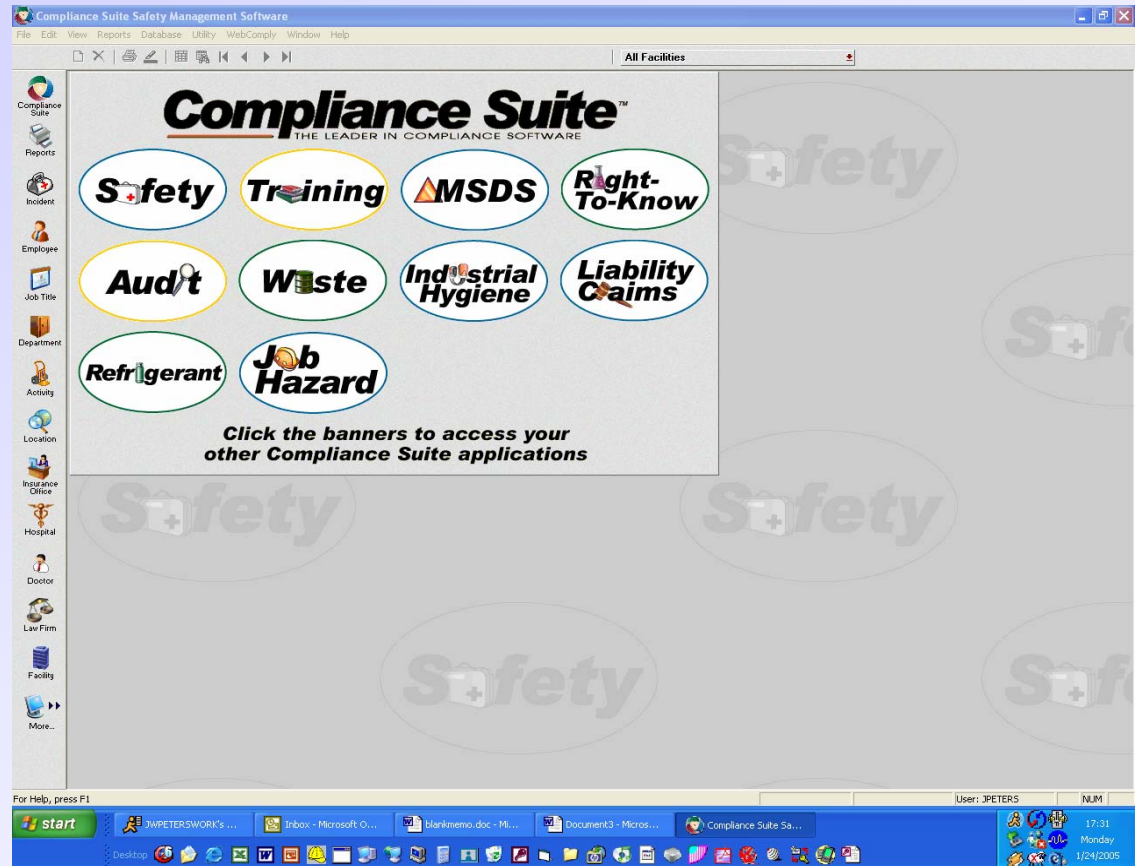
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Medical Surveillance Partners



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Tying it
all together



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Questions????